

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services  
Div. Environmental Health, 11 SHS  
(207) 287-2070 FAX (207) 287-4172

<b>PROPERTY LOCATION</b>		<b>&gt;&gt; CAUTION: LPI APPROVAL REQUIRED &lt;&lt;</b>	
City, Town, or Plantation	LAMOINE	Town/City	Lamoine Permit # 1980
Street or Road	RACCOON COVE ROAD	Date Permit Issued	11/25/19 Fee \$ 265 Double Fee Charged ( )
Subdivision, Lot #		Local Plumbing Inspector Signature	<i>[Signature]</i> L.P.I. # 394
<b>OWNER/APPLICANT INFORMATION</b>		The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
Name (last, first, MI)	ROSALES, CARLOS <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	Fee: \$ 265 state min. fee \$ Locally adopted fee	Copy: <input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State
Mailing Address of	78 MILL ROAD LAMOINE, ME, 04605		
Daytime Tel. #	(207) 610-9278	Municipal Tax Map # 5 Lot # 4-8	
<b>OWNER OR APPLICANT STATEMENT</b>		<b>CAUTION: INSPECTION REQUIRED</b>	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit. <i>[Signature: Carlos Rosales]</i> 11/25/19 Signature of Owner or Applicant Date		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application. (1st Date Approved) Local Plumbing Inspector Signature (2nd Date Approved)	

<b>PERMIT INFORMATION</b>		
<b>TYPE OF APPLICATION</b>	<b>THIS APPLICATION REQUIRES</b>	<b>DISPOSAL SYSTEM COMPONENT(S)</b>
<input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <25% <input type="checkbox"/> b. Major Expansion ≥ 25% <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	<input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
<b>SIZE OF PROPERTY</b>	<b>DISPOSAL SYSTEM TO SERVE</b>	<b>TYPE OF WATER SUPPLY</b>
<input type="checkbox"/> sq. ft. <input checked="" type="checkbox"/> 1 1/2 acres	<input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 3 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____	<input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
<b>SHORELAND ZONING</b>	<b>Current Use:</b> <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

<b>DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)</b>			
<b>TREATMENT TANK</b>	<b>DISPOSAL FIELD TYPE &amp; SIZE</b>	<b>GARBAGE DISPOSAL UNIT</b>	<b>DESIGN FLOW</b>
<input checked="" type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> c. with lift station <input type="checkbox"/> d. water tight <input type="checkbox"/> e. two compartment <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY 1000 gallons	<input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device _____ <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE 900 sq. ft. lin. ft.	<input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	270 gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
<b>SOIL DATA &amp; DESIGN CLASS</b>	<b>DISPOSAL FIELD SIZING</b>	<b>EFFLUENT/EJECTOR PUMP</b>	<b>LATITUDE AND LONGITUDE</b>
PROFILE CONDITION 3, 1, C at Observation Hole # 2 Depth 16" OF MOST LIMITING SOIL FACTOR	<input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input checked="" type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	<input checked="" type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 44° 28' 45.3" N Lon. 68° 17' 00.0" W If g.p.s., state margin of error: 30' ±

<b>SITE EVALUATOR STATEMENT</b>		
I certify that on 9-19-19 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).		
<i>[Signature]</i> Site Evaluator Signature WILLIAM A. LaBELLE, JR.	319 SE# (207) 537-5900	9-28-19 Date labelleseptic@rivah.net
Site Evaluator Name Printed	Telephone Number	E-mail Address

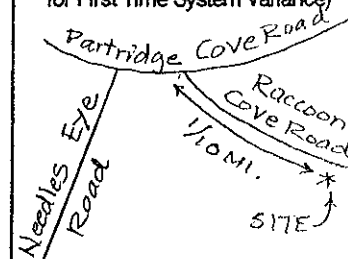
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

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Owner or Applicant Name  
CARLOS ROSALES

Scale 1" = 40 Ft

**SITE LOCATION PLAN**  
(Attach map from Maine Atlas  
for First Time System Variance)



Observation Hole #2 ☒ Test Pit ☐ Boring

2 "Depth of organic horizon above mineral soil

	Texture	Consistency	Color	Mottling
0-10	LOAMY	FRIABLE	VERY DARK BROWN (10YR2/3)	N.E.
	GRAVELLY		DARK	
			YELLOWISH	
10-20	SAND	FIRM	BROWN	CEMENTED
		FRIABLE (10YR4/6)		
20-30				
30-40				
40-50				
50+				

Soil Classification: C

Slope: 6 1/2 %

Limiting Factor: 1G

Ground Water: ☐ Restrictive Layer: ☐ Bedrock: ☐ Pit Depth: ☐

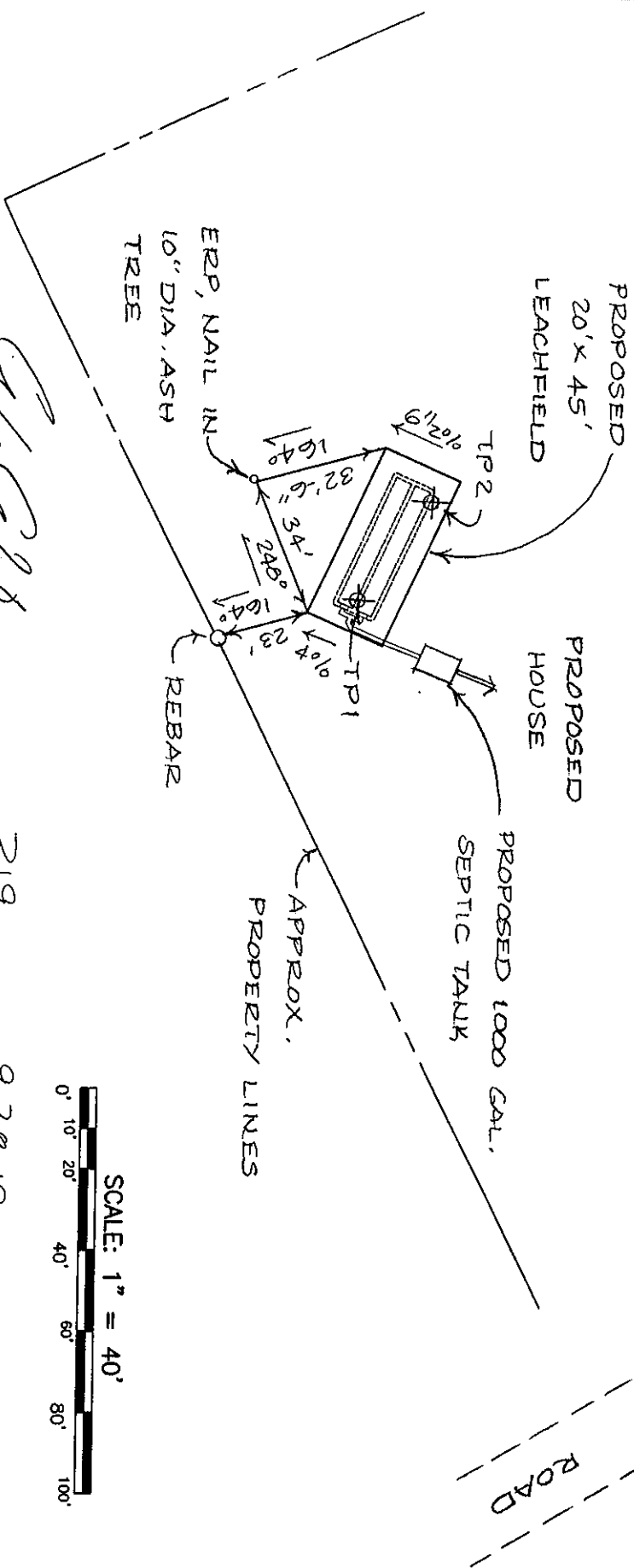
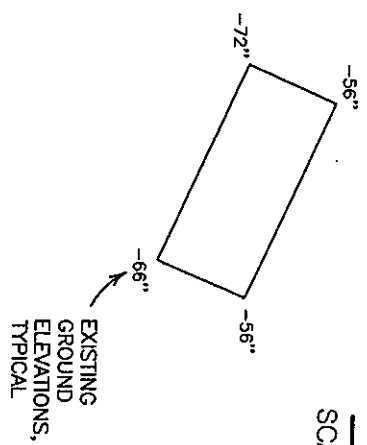
9-26-19  
Date

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
LANMOINE	RACCOON COVE ROAD	CARLOS ROSALES

**SITE PLAN:**

SCALE: 1" = 40 FT.

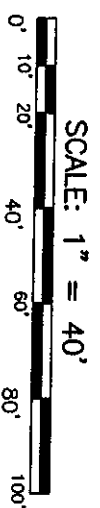
MAGNETIC NORTH



Site Evaluator's Signature *CLC 2.1.7*

S.E. # 319

Date 9-28-19





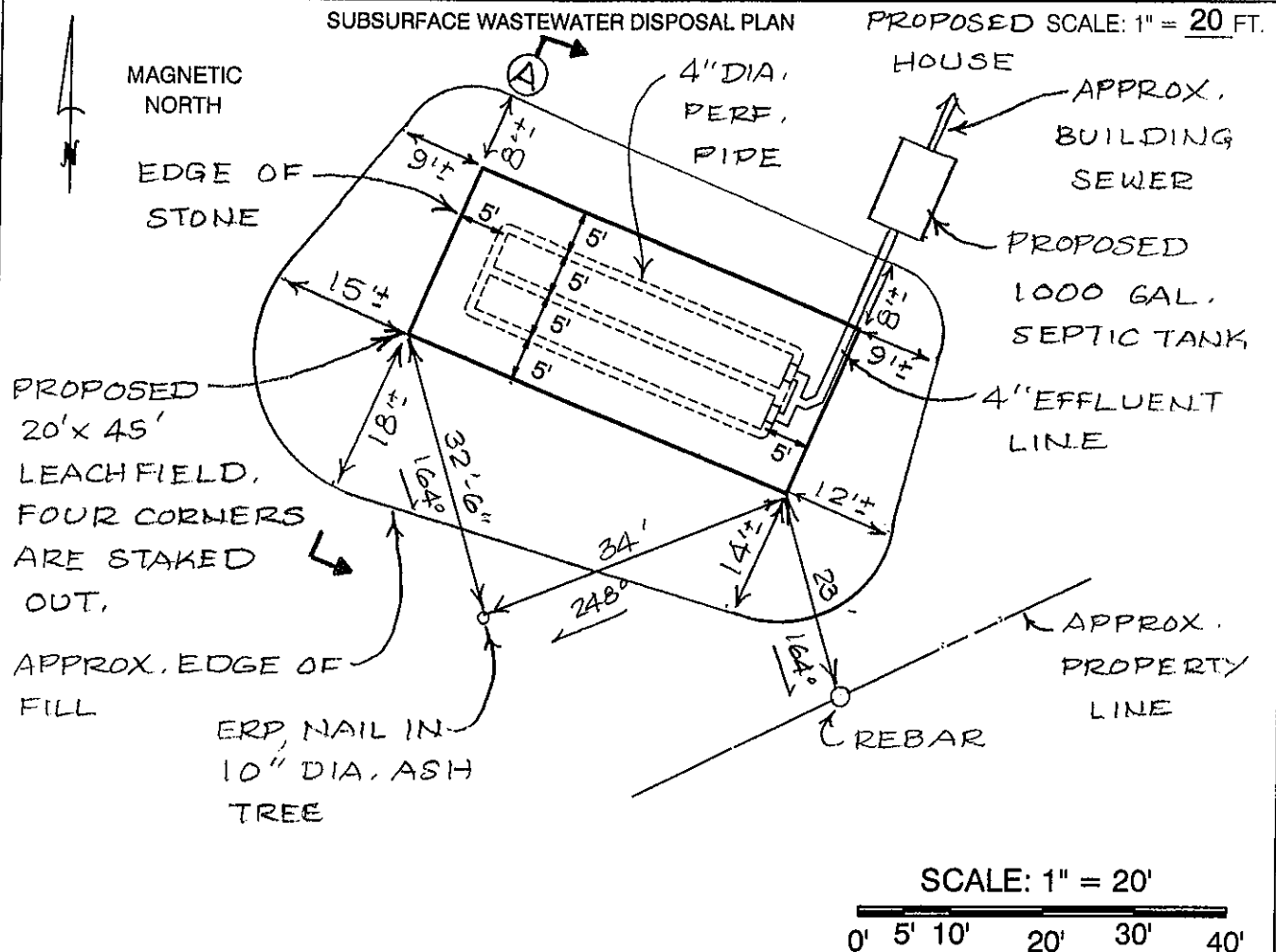
# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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Division of Environmental Health, 11 SHS  
(207) 287-2070 FAX (207) 287-4172

Town, City, Plantation  
**LAMOINE**

Street, Road, Subdivision  
**RACCOON COVE ROAD**

Owner or Applicant Name  
**CARLOS ROSALES**



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT	
Depth of Backfill (Upslope)	18"	Finished Grade Elevation	CROWN	-34"		Location & Description	NAIL 86"
Depth of Backfill (Downslope)	28"-34"	Top of Distribution Pipe or Proprietary Device		-49"	N/A		ABOVE GROUND IN A 10" DIA. ASH TREE.
Depth @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field		-60"		Reference Elevation is:	0"

## NOTES:

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

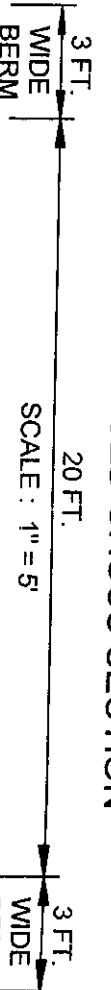
1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).
6. Full basement below grade foundation or frost wall must be 20' minimum from edge of disposal field and no full basement, slab, columns or posts must be 15' minimum from edge of disposal field.

*Site Evaluator's Signature*

319  
S.E. #

9-28-19  
Date

# DISPOSAL BED CROSS SECTION



(A)

SCALE: 1" = 5'

NOTE:  
GRADE UPSLOPE TO DIVERT  
SURFACE WATER AWAY FROM  
SYSTEM.

FILL MATERIAL SHALL BE 8"-12" THICK  
OVER STONE AND SHALL BE GRAVELLY  
COARSE SAND TO THE STANDARDS IN  
SEC. 11-E IN THE SUBSURFACE RULES.

CROWN FINISH GRADE FROM CENTER AT 3 % SLOPE

2' COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F  
PLACED OVER STONE.

FILL EXTENSIONS  
NO GREATER THAN 4:1,  
(25% SLOPE).

EXISTING GRADE  
LIMITING FACTOR

REMOVE VEGETATION AND SCARIFY  
ORIGINAL SOIL UNDER ENTIRE FILL AREA,  
SEC. 11-B.

BOTTOM OF STONE MUST BE  
LEVEL WITH MAXIMUM GRADE  
TOLERANCE OF 2" PER 100'.

4" PERF. PIPE,  
TYPICAL

TOP 4" OF FILL TO BE A GOOD LOAM  
SOIL MIX TO ESTABLISH A GOOD  
VEGETATIVE COVER; SEED  
AND MULCH TO PREVENT EROSION,  
SEC. 11-G.

FILL EXTENSIONS  
NO GREATER THAN 4:1,  
(25% SLOPE).

34" FILL

12" CLEAN STONE,  
(1 1/2" DIA.),  
UNIFORM SIZE.

THOROUGHLY MIX, DISK OR ROTO-TILL  
CLEAN, COARSE, SHARP SAND INTO  
TOP 6 INCHES OF ORIGINAL SOIL TO  
CREATE A TRANSITION ZONE, SEC. 11-B.

## ELEVATIONS:

ELEV. REF. PT. (ERP): 0"

FINISHED GRADE: -34" CROWN

TOP OF DISTRIBUTION PIPE: -49"

BOTTOM OF STONE: -60"

## NOTE:

SYSTEM MUST BE INSTALLED ACCORDING  
TO THE RULES AND PRACTICES SET FORTH  
IN THE MOST CURRENT VERSION OF THE  
STATE OF MAINE SUBSURFACE WASTEWATER  
DISPOSAL RULES. INSTALLATION CONTRACTOR  
MUST BE FAMILIAR WITH SAID RULES AND  
CONSTRUCT SYSTEM IN FULL COMPLIANCE  
WITH SECTION 11 OF SAID RULES.

OWNER: CARLOS ROSALES

LOCATION: LA MOINE

DOC17 WILLIAM A. LABELLE, JR.

319

DATE

9-28-19